



PILOT TRAINING

2019 Catalog

Revised 9/16/19

GARMIN[®]
AVIATION TRAINING

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WELCOME

2019 Pilot Training Catalog Overview



The Garmin Aviation Training team is excited to announce the 2019 Pilot Training line-up. The 2019 training catalog provides information on pilot training opportunities including a description of self-study materials, eLearning courses, and instructor-led classes offered for the GTN™, G500/G600, G500/G600/G700 TXi™, G3X Touch™, and all Garmin Integrated Flight Decks. The Aviation Training team provides comprehensive instruction for Garmin's most advanced avionics currently being installed in general aviation, business aviation as well as helicopter, military and experimental aircraft.

Our goal is for each customer to achieve the highest level of confidence while operating their Garmin avionics. We intend to teach every user the full capabilities of their system and offer insight on the preferred methods of operation and integration. Garmin's Pilot Guides, PC trainers, and eLearning courses provide foundational knowledge about your equipment. Our instructor-led classroom training builds on this knowledge and experience, using scenario-based training and hands-on interaction with the equipment. These training opportunities will develop your method of integrating the capabilities of Garmin avionics into your flight experience.



Your Garmin Pilot Training Team

The Garmin Pilot Training team consists of highly experienced instructors with diverse backgrounds. The instructors have experience in structured Part 61 and Part 141 training environments, corporate flight departments, and airlines, as well as military flight operations training to include initial, transition, and tactical instruction. Each has instructor experience operating Garmin avionics and in teaching the transition from analog instruments to technically advanced aircraft. The instructors have immediate access to the entire Garmin team of engineers, flight test personnel, pilot operations specialists, field support specialists, and OEM support experts.



PRICING

Garmin provides a variety of training opportunities so customers are comfortable and confident in using and getting the most out of their avionics. This starts with Pilots Guides and resources that come with the equipment. Garmin’s Training Department also offers a variety of eLearning and instructor-led classes to suit your individual needs. Short videos, tips, and best practices are also available on Garmin Aviation social media and Garmin YouTube sites. Pricing for the eLearning and instructor-led training classes are listed below. Training that is requested beyond these scheduled classes is conducted on an “as available” basis and a price quote is developed for each of these requests.

eLearning Courses

Course	Duration	Price
Garmin G3000®	5 hrs.	\$249
Garmin G5000® Essentials 2.0	5 hrs.	\$499
Garmin G5000® Essentials 2.0 PLUS	5 hrs.	\$549
Garmin Link 2000+	2 hrs.	\$49
Garmin GTN™ Essentials	3 hrs.	\$99
Garmin Aviation Weather Radar 2.0	2 hrs.	\$149
Garmin TXi™ Essentials	2 hrs.	\$49

Classroom Training

Class	Duration	Price
G1000® and G1000® NXi	2 days	\$749
GTN ONLY	1.5 days	\$495
GTN & Flight Display	2 days	\$625
G3X Touch™ for Experimental A/C	2 days	\$495
Regional GTN & Flight Display	2 days	\$795
International/Europe	2 days	Learn More
Aviation Weather Radar	0.5 days	Learn More



TRAINING OPPORTUNITIES

Self-Study

Pilot's Guides and trainers provide information that establishes the foundation upon which the eLearning and instructor-led training (ILT) are developed and delivered. In order to get the most out of your training experience, Garmin recommends using these resources to gain familiarity prior to and during the training classes and courses.

Pilot's Guides: Provide detailed information on the features, functions, and capabilities of the specific avionics equipment the pilot must know when flying the aircraft. Garmin provides pilot's guides for all retrofit installations including the GTN™ and G500/600, and G500/G600/G700 TXi™. Garmin-provided pilots guides are available for free electronic download. Pilot's guides for integrated flight decks such as the G1000®, G3000®, and G5000® are provided by the specific aircraft manufacturer.

Computer (PC) and iPad Trainers: Garmin offers a limited number of Personal Computer (PC) Trainers that simulate the behavior of the avionics system interface on your PC providing a convenient way to learn the basic operation of the system. The PC trainer provides a great way to practice avionics operation prior to flight and periodically refresh your skills. Current PC Trainers can be found at www.garmin.com and the GTN and TXi iPad trainers are available from the app store. Please note that PC Trainers for some legacy systems are no longer available due to computer operating system interoperability issues. For G1000, G3000 and G5000 system PC trainers not available on www.garmin.com, contact the specific aircraft manufacturer.



TRAINING OPPORTUNITIES

eLearning Courses



Take full advantage of the features and capabilities of your Garmin device with Garmin eLearning. Garmin eLearning provides in-depth instruction enabling you to be better prepared and confident for your flights. The eLearning courses will guide you through scenarios, which will help build your understanding, proficiency, and confidence with the Garmin avionics systems. Access the courseware immediately using a computer, tablet, or smart phone with internet access. Garmin eLearning is available as a two-year subscription and Garmin eLearning receives periodic updates ensuring the most recent avionics software versions are available.

Purchase the following eLearning courses at www.fly.garmin.com/training

Garmin Aviation Weather Radar 2.0

This course goes beyond the weather radar sections in the Pilot's Guide to help you understand weather radar fundamentals, the complementary capabilities of the weather radar and NEXRAD, improve your technique and maximize the capabilities of the Garmin GWX™ 70, GWX 75 and GWX 80 systems.

Garmin TXi™ Essentials

Provides instruction on the fundamental operation of this touchscreen display. Completing this course enables a pilot who is new to the system to complete standard tasks encountered during a flight with a high level of competency and confidence. This course is free with the purchase of a TXi™ system.

Garmin GTN™ Essentials

Provides in-depth instruction on the fundamental operation of this highly capable touchscreen system. Completing this course enables a pilot who is new to the system or in need of a refresher to complete standard tasks encountered during a flight with a high level of competency and confidence. *Attendees of an instructor-led GTN™ class will receive free access to this course.*

Garmin G3000® Essentials Course

eLearning courses providing introductory instruction on the operation and user interface of Garmin's most advanced flight decks.

Garmin G5000® Essentials 2.0 and 2.0 PLUS Courses

eLearning courses providing introductory instruction on the operation and user interface of Garmin's most advanced flight decks with advanced features.

Garmin Link 2000+

Provides instruction on the principles of Controller Pilot Data Link Communications (CPDLC) operation. It is designed and written to meet the academic requirements outlined in European Aviation Safety Agency, Federal Aviation Administration (FAA) and International Civil Aviation Organization (ICAO) guidelines and regulations.



TRAINING OPPORTUNITIES

Instructor-Led Training (ILT)

Garmin's professional and experienced instructor cadre leads a series of scheduled and on-demand instructor-led classes. Our instructor-led classroom training focuses on scenario-based training incorporating "hands on" use of the equipment to build on your knowledge from the self-study of the pilot's guides, PC trainer, and the eLearning courses. Participating in scenario-based training will develop your method of integrating Garmin avionics capabilities into your flight planning and flying. Designed for all levels of experience our classes will provide you the knowledge to confidently navigate through the national air space system.

Classroom training is at Garmin's Headquarters in Olathe, KS, a suburb within the Kansas City metropolitan area, or at regional or international training sites as listed in the catalog.

When registering for a class in flyGarmin.com, please read the cancellation policy for your class on the Cancellation Policy tab.





G1000[®] / G1000[®] NXi \$749

(\$50 discount for returning customers after class completion)

Overview

This two-day class hosted at the Garmin headquarters in Olathe, KS explores all of the capabilities of the G1000 Integrated Flight Deck. Intended to serve both novice and experienced aviators, this class provides hands-on, scenario based training in a classroom environment, placing an emphasis on flight planning, instrument procedures, vertical navigation, and the automatic flight control system. This class covers all aspects of the G1000 and also highlights the increased capabilities of the G1000 NXi system. Your classroom kiosk will be configured with your aircraft's software.

Training topics will include:

- *Primary Flight Display (PFD) and Multi-Function Display (MFD)*
- *Communication, navigation, and surveillance equipment operation*
- *Flight planning*
- *Enroute navigation tools, including Direct-To and User Defined Holds*
- *Automatic Flight Control System (AFCS)*
- *Vertical Navigation (VNAV)*
- *Instrument procedures, including DPs, STARs, and IAPs*
- *Hazard avoidance, including traffic, terrain, and weather*
- *Abnormal operation; i.e. LRU failure and reversionary modes*

SCHEDULE

Day 1, 8am – 5pm

- Lunch and Beverages
- Group Dinner

Day 2, 8am – 4pm

- Lunch and Beverages provided by Garmin

CLASS DATES

Olathe, KS location

7-8 March

10-11 June

26-27 September



GTN™ ONLY

\$495

(\$50 discount for returning customers after class completion)

Overview

This 1½-day class hosted at the Garmin headquarters in Olathe, KS explores all of the capabilities that the GTN series of navigators offer. Intended to serve both novice and experienced aviators this class provides hands-on, scenario based training in a classroom environment, placing an emphasis on flight planning and instrument procedures. Whether you are new to the Garmin GTN or just looking for a refresher, every attendee will find value in the material covered.

Following registration, you will receive an email approximately 30 days prior to your class date with an activation code for free access to the Garmin GTN Essentials eLearning course. We highly recommend you enroll and complete the course prior to attending class. This will make the class more enjoyable and rewarding.

Training topics will include:

- *System setup to assist with information management and improve efficiency*
- *Communication, navigation, and surveillance equipment operation*
- *Creating and editing flight plans*
- *Enroute navigation tools, including Direct-To, OBS, and User Defined Holds*
- *Utility features such as VCALC/VNAV and Trip & Fuel Planning*
- *Loading and activating instrument approach procedures*

SCHEDULE

Day 1, 8am – 5pm

- Lunch and Beverages
- Group Dinner

Day 2, 8am – 12pm

- Beverages provided by Garmin

CLASS DATES

Olathe, KS location

25-26 March

26-27 October



GTN™ & FLIGHT DISPLAY * \$625

(\$50 discount for returning customers after class completion)

Overview

This two-day class hosted at the Garmin headquarters in Olathe, KS explores all of the capabilities within the GTN navigators and TXi™-series, G3X Touch™ and G500/G600 displays. Intended to serve both novice and experienced aviators this class provides hands-on, scenario based training in a classroom environment, placing an emphasis on flight planning and instrument procedures. Whether you are new to the Garmin GTN and retrofit displays, or just looking for a refresher every attendee will find value in the material covered.

Following registration, you will receive an email approximately 30 days prior to your class date with an activation code for free access to the Garmin GTN Essentials eLearning course. We highly recommend you enroll and complete the course prior to attending class. This will make the class more enjoyable and rewarding.

**A limited number of kiosks can be configured for TXi-series, G3X Touch or G500/G600 displays.*

Training topics will include:

- System overview and integration
- Primary Flight Display (PFD) and Multi-Function Display (MFD)
- System setup to assist with information management and improving efficiency
- Communication, navigation, and surveillance equipment operation
- Creating and editing flight plans and vertical navigation
- Enroute navigation tools, including Direct-To, OBS, and User Defined Holds
- Utility features such as VCALC and Trip & Fuel Planning
- Loading and activating instrument approach procedures

SCHEDULE

Day 1, 8am – 5pm

- Lunch and Beverages
- Group Dinner

Day 2, 8am – 4pm

- Lunch and Beverages provided by Garmin

CLASS DATES

Olathe, KS location

14-15 January

2-3 March

22-23 August

4-5 November



G3X TOUCH™ FOR EXPERIMENTAL AIRCRAFT - INSTALLATION CLASS \$495

(\$50 discount for returning customers after class completion)

Overview

This class is designed as a two-day course. There will be a day and a half to talk about understanding of the fundamentals associated with installation considerations, performing installation, and maintenance on Garmin G3X Touch equipment. There will be a half a day of pilot training on how to effectively use the PFD/MFD, Communication, Navigation, and Surveillance equipment operation. This class is ideal for pilots that are new to G3X Touch and desire some manufacturer-guided instruction. Please bring your laptop to class for use with references and exercises.

Training topics will include:

- *Technical resources available from applicable websites*
- *G3X Touch component descriptions and system architecture*
- *CAN Bus and sensor installation*
- *EIS gauges and probes: setup and configuration*
- *System configuration exercise*
- *Interfacing other Garmin systems (GTN™ and G5)*
- *G3X Touch maintenance and flight logs*
- *Software and databases*
- *Enroute navigation tools*
- *Hazard avoidance*
- *Abnormal operations & troubleshooting*

Prerequisite:

We highly recommend attendees have a basic understanding of wiring and soldering.

SCHEDULE

Day One: 8am – 5pm

- *Beverages provided by Garmin*

Day Two: 8am – 4pm

- *Beverages provided by Garmin*

CLASS DATES

Olathe, KS location

15-16 April

17-18 October

Instructor-Led Training (ILT) Classes - Regional Training



GTN™ & FLIGHT DISPLAY* \$795

(\$50 discount for returning customers after class completion)

The Garmin Aviation Training team will be providing six regional training opportunities in 2019. These classes provide the same in-depth instruction as those taught at Garmin's headquarters and can be registered on the flyGarmin/training tab calendar. Following registration, you will receive an email approximately 30 days prior to your class date with an activation code for free access to the Garmin GTN Essentials eLearning Course. We highly recommend you enroll and complete the course prior to attending class.

**A limited number of kiosks can be configured for TXi™-series, G3X Touch™ or G500/G600 displays.*

February 21-22: Chandler, AZ

Garmin Chandler Office, 480 North Juniper, Chandler, AZ, 85226

April 4-5: Cary, NC

Garmin Cary Office, 100 Regency Forest Drive, Suite 350, Cary, NC 27518

June 20-21 : Seattle, WA

Ace Aviation, 289 E Perimeter Rd, Renton, WA 98057

September 5-6: Denver, CO

Ramada by Wyndham Englewood Hotel & Suites, 7770 South Peoria Street, Centennial Airport, Englewood, CO 80112

October 10-11: Chanhassen, MN

Garmin Chanhassen Office, 18791 Lake Drive East · Chanhassen, MN 55317-9384

November 20-21: Ft. Lauderdale, FL

Broward College, 7200 Pines Blvd., Bldg 99 / Avionics Lab, Ft. Lauderdale, FL 33024

Instructor-Led Training (ILT) Classes - International Training



GTN™ & FLIGHT DISPLAY* \$795

Garmin's Aviation Training team will be providing GTN & retrofit display training opportunities in Europe during 2019. This class will cover the TXi-series, G3X Touch and G500/G600 Displays. These classes provide the same in-depth instruction as the classes taught at Garmin headquarters and are tailored to the European flight environment. Final coordination for these locations will be coming soon. If you have an international training request, please complete the [Training Request Form](#).

**A limited number of kiosks can be configured for TXi™-series, G3X Touch™ or G500/G600 displays.*

Munich, Germany: TBD

Southampton, England: TBD



EAA AirVenture: July 22-28

The Garmin Aviation Training team will again offer a strong presence at the world's largest gathering of recreational pilots and aviation enthusiasts, EAA AirVenture. From July 22-26, the team will continue providing one-day GTN™ training seminars focusing on what is most important to our customers - flight planning and instrument approach procedures. These classes are great introductory or recurrent training opportunities. After several years of success, we will again offer the G3X Touch™ Adacemy in addition to the other GTN pilot training seminars in the Garmin tents. We also look forward to adding new topics based on the exciting new product announcements in recent months and years.

As EAA AirVenture 2019 nears be sure to visit www.flyGarmin.com to see the full and evolving list of training events as well as to register for one of the classes.





Registration Process

CLASS ENROLLMENTS

Make your reservation today for one of the training events by visiting www.Fly.Garmin.com



Under the training tab, click on your desired training seminar in the 2019 Live Classes Calendar to begin the enrollment process.

Class size is limited to 10-12 attendees. Classes fill quickly, so reserve your seat today!

CUSTOM TRAINING REQUESTS

At Garmin we recognize that some training needs may require special attention. The Aviation training team has the ability to support on-demand training requests for the TXi™, GTN™, G500(H)/G600, and Integrated Flight Decks (IFD) such as the G1000(H)™ and G5000(H)™. This is highly dependent upon instructor availability and training resource considerations and will be scheduled on a first-come, first-serve basis. A minimum of 5 attendees is recommended for a class of this kind to be performed.

Optional Half-Day Aviation Weather Radar Class

Successful operation of weather radar requires an understanding of radar principles as well as operational considerations and techniques. This class starts with the fundamentals of ground based and airborne weather radar systems and then covers operational techniques and best practices for using the Garmin GWX™ 70, GWX 75, and GWX 80. The class concludes with a scenario-based module on weather threat management to assist with risk mitigation. The class is suitable for pilots with little weather radar experience, pilots looking to hone and refresh their weather radar skills, and pilots transitioning from other radar systems.

To request this type of training, please complete the [Custom Training Request Form](#)
Our training staff will contact you within 5 business days.

For additional information, please contact the Aviation Training team at:
Aviation.Training@Garmin.com

CONNECT WITH OUR TEAM



Garmin understands that customers may have questions on how to maximize the capabilities of the equipment, or how to conduct specific actions. Garmin has experts available Monday - Friday from 7:00am - 7:00pm Central Time to answer these questions. They may be contacted at (866) 739-5687 or email aviation.support@garmin.com for questions.

FOLLOW US

Look for announcements for new training videos, webinars, and seminars at major events located throughout the world on Garmin social media sites. Watch for new opportunities at www.flyGarmin.com.

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